

Appendix A

Examples of Typical Sampling and Analysis Plan Tables for the OU 7-10 Glovebox Excavator Method Project

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Appendix A

Examples of Typical Sampling and Analysis Plan Tables for the OU 7-10 Glovebox Excavator Method Project

This appendix contains examples of typical sampling and analysis plan tables that will be used for the OU 7-10 Glovebox Excavator Method Project. These tables contain the following information:

- Sample description fields
- Sample location fields
- Analysis types
- Specific analysis code designations.

These tables are discussed in Section 4.2 of the Field Sampling Plan.

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Project Manager: SALOMON, H.

SMO Contact: McGRIFF, T. W.

Sampling Activity	Sample Description				Sample Location				Enter Analysis Types (AT) and Quantifying Requirements																			
	Sample Type	Sample Matrix	Cell Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19
PRG.16	REG	LIQUID	GRAB	GRAB	08/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A	3A	3A	1G	2G	6G	CN	M/N	1	PC	SS									
PRG.17	REG	LIQUID	GRAB	GRAB	08/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A																			1
PRG.18	REG	LIQUID	GRAB	GRAB	08/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A																		1	
PRG.19	REG	LIQUID	GRAB	GRAB	08/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A																		1	
PRG.20	REG	LIQUID	GRAB	GRAB	08/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A																		1	
PRG.21	REG/OC	LIQUID	DUP	GRAB	08/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A																		1	
PRG.22	REG	LIQUID	GRAB	GRAB	08/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A																		2	
PRG.23	REG	LIQUID	GRAB	GRAB	08/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A																		1	
PRG.24	REG	LIQUID	GRAB	GRAB	08/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A																		1	
PRG.25	REG	LIQUID	GRAB	GRAB	08/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A																		1	
PRG.26	REG	LIQUID	GRAB	GRAB	08/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A																		1	
PRG.27	REG	LIQUID	GRAB	GRAB	08/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A																		1	
PRG.28	REG	LIQUID	GRAB	GRAB	08/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A																		1	
PRG.29	REG	LIQUID	GRAB	GRAB	08/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A																	1		
PRG.30	REG	LIQUID	GRAB	GRAB	08/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A																	1		

The Sampling activity displayed on this table represents the first six characters of the sample identification number.

Sequential Reference/Exclusions

Comments:

- AT1: Analysis Suite #1
Analysis Suite #1: Analytical activities conducted in support of this suite will be performed in accordance with WRP protocol and will include WRP required target analytes per WRP methods.
- AT2: Analysis Suite #2
This will be specified in the laboratory contract.
- AT3: Analysis Suite #3
- AT4: Analysis Suite #4
- AT5: Analysis Suite #5
- AT6: Analysis Suite #6
- AT7: Analysis Suite #7
Chloride (Total & Amenable)
- AT8: Nitrate Content
- AT9: Nitrate
- AT10: PCBs
- AT11: VOCs samples noted as being taken from AT 1 to 5.0 m, while taking from the deepest available position in cores, where the core is less than 2 ft long.
- AT12: Configuration:
- AT13: Configuration:
- AT14: Configuration:
- AT15: Configuration:
- AT16: Configuration:
- AT17: Configuration:
- AT18: Configuration:
- AT19: Configuration:
- AT20: Configuration:
- Analysis Suite #1: Nitrate, PCBs, SVOCs (TAL), VOCs (TAL), Total Metals
Analysis Suite #2: Am 241, Ne 222, Gamma Spect., P, U-234, Radon 226
Analysis Suite #3: Anions, Major Cations
Analysis Suite #4: Am 241, Ne 223, Pu-239, Ra-226, U-235
Analysis Suite #5: Anions, Major Cations
Analysis Suite #6: Am 241, Ne 223, Pu-239, Ra-226, U-235, Th-232, Thorium 228
Analysis Suite #7: Anions, Major Cations
Analysis Suite #8: Total Organic Carbon, Nitrogen, Total Phosphorus, Total Metals

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Sampling Activity	Sample Type	Sample Matrix	Co ₁ Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	Entire Analysis Types (AT) and Quantity Requested																			
										A11	A12	A13	A14	A15	A16	A17	A18	A19	A110	A111	A112	A13	A14	A15	A16	A17	A18	A19	A1A
PGRN11	REG	SOLID WASTE	COMP	GRAB	09/15/03	RWMAC-PIT 9	WASTE ZONE	TBD	N/A	34	94	16	26	56	86	CN	M/N	1	PC	SB									
PGRN12	REG	SOLID WASTE	COMP	GRAB	09/15/03	RWMAC-PIT 9	WASTE ZONE	TBD	N/A																				
PGRN13	REG	SOLID WASTE	COMP	GRAB	09/15/03	RWMAC-PIT 9	WASTE ZONE	TBD	N/A																				
PGRN14	REG	SOLID WASTE	COMP	GRAB	09/15/03	RWMAC-PIT 9	WASTE ZONE	TBD	N/A																				
PGRN15	REG	SOLID WASTE	COMP	GRAB	09/15/03	RWMAC-PIT 9	WASTE ZONE	TBD	N/A																				
PGRN16	REG	SOLID WASTE	COMP	GRAB	09/15/03	RWMAC-PIT 9	WASTE ZONE	TBD	N/A																				
PGRN17	REG	SOLID WASTE	COMP	GRAB	09/15/03	RWMAC-PIT 9	WASTE ZONE	TBD	N/A																				
PGRN18	REG	SOLID WASTE	COMP	GRAB	09/15/03	RWMAC-PIT 9	WASTE ZONE	TBD	N/A																				
PGRN19	REG	SOLID WASTE	COMP	GRAB	09/15/03	RWMAC-PIT 9	WASTE ZONE	TBD	N/A																				
PGRN20	REG	SOLID WASTE	COMP	GRAB	09/15/03	RWMAC-PIT 9	WASTE ZONE	TBD	N/A																				
PGRN21	REG/OC	SOLID WASTE	DUP	GRAB	09/15/03	RWMAC-PIT 9	WASTE ZONE	TBD	N/A																				
PGRN22	REG	SOLID WASTE	COMP	GRAB	09/15/03	RWMAC-PIT 9	WASTE ZONE	TBD	N/A																				
PGRN23	REG	SOLID WASTE	COMP	GRAB	09/15/03	RWMAC-PIT 9	WASTE ZONE	TBD	N/A																				
PGRN24	REG	SOLID WASTE	COMP	GRAB	09/15/03	RWMAC-PIT 9	WASTE ZONE	TBD	N/A																				
PGRN25	REG	SOLID WASTE	COMP	GRAB	09/15/03	RWMAC-PIT 9	WASTE ZONE	TBD	N/A																				

The sampling activity displayed on the table represents the first six characters of the sample identification number.

The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.

Comments:

AT11: Sequential Grab/Soil Fractions																										
AT12: Analysis Suite #1: Analytical activities conducted in support of this suite will be performed in accordance with WPP protocol and will include WPP required target analyses per WPP methods.																										
AT13: Analysis Suite #2:																										
AT14: This will be specified in the laboratory contract.																										
AT15: Analysis Suite #2: Analytical activities conducted in support of this suite will be performed in accordance with the ERG CxP/P. This will be specified in the laboratory contract.																										
AT16: Analysis Suite #2:																										
AT17: Cytotoxic (Total & Aromatic)																										
AT18: Molar % Content																										
AT19: Nitrate																										
AT20: PCBs																										

Contingencies:

Analysis Suite #1: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals																										
Analysis Suite #2: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals																										
Analysis Suite #3: Arsenic, Major Cations																										

Analysis Suite #1: Arsenic, Major Cations

Analysis Suite #2: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #3: Arsenic, Major Cations

Analysis Suite #4: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #5: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #6: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #7: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #8: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #9: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #10: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #11: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #12: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #13: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #14: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #15: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #16: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #17: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #18: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #19: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #20: Am-241, U-235, Pu-238, U-236, SVOCs (TAL), VOCs (TAL), Total Metals

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Sample Description										Sample Location										Element Analysis Types (AT) and Quantity Requested									
Sampling Activity	Sample Type	Sample Matrix	Coll. Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
PRGR05	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWMC-PIT 9	WASTE ZONE	TBD	NA	3A	9A	1C	2C	5G	6G	CN	M/N	1	PC	SB									
PRGR07	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWMC-PIT 9	WASTE ZONE	TBD	NA																				
PRGR08	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWMC-PIT 9	WASTE ZONE	TBD	NA																				
PRGR09	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWMC-PIT 9	WASTE ZONE	TBD	NA																				
PRGR10	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWMC-PIT 9	WASTE ZONE	TBD	NA																				
PRGR01	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PIT 9	WASTE ZONE	TBD	NA																				
PRGR02	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PIT 9	WASTE ZONE	TBD	NA																				
PRGR03	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PIT 9	WASTE ZONE	TBD	NA																				
PRGR04	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PIT 9	WASTE ZONE	TBD	NA																				
PRGR05	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PIT 9	WASTE ZONE	TBD	NA																				
PRGR06	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PIT 9	WASTE ZONE	TBD	NA																				
PRGR07	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PIT 9	WASTE ZONE	TBD	NA																				
PRGR08	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PIT 9	WASTE ZONE	TBD	NA																				
PRGR09	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PIT 9	WASTE ZONE	TBD	NA																				
PRGR10	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PIT 9	WASTE ZONE	TBD	NA																				

The sampling activity displayed on this table represents the first six characters of the sample identification number. The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.

Comments: Sequential Radioactive Extractions

A11:	Analysis Suite #1: Analytical activities conducted in support of this suite will be performed in accordance with WFF protocol and will include WFF required target analysis per WFF methods.
A112:	
A113:	This will be specified in the laboratory contract.
A114:	
A115:	Analysis Suite #2: Analytical activities conducted in support of this suite will be performed in accordance with the ER DMP. This will be specified in the laboratory contract.
A116:	Iridium-252/Uranium includes Pu-238, Pu-239/240 and Pu-242. Iridium Uranium includes U-232/234.
A117:	U-235 and U-238.
A118:	
A119:	VOC grab samples will be being taken from 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100, 102, 104, 106, 108, 110, 112, 114, 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158, 160, 162, 164, 166, 168, 170, 172, 174, 176, 178, 180, 182, 184, 186, 188, 190, 192, 194, 196, 198, 200, 202, 204, 206, 208, 210, 212, 214, 216, 218, 220, 222, 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 246, 248, 250, 252, 254, 256, 258, 260, 262, 264, 266, 268, 270, 272, 274, 276, 278, 280, 282, 284, 286, 288, 290, 292, 294, 296, 298, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, 328, 330, 332, 334, 336, 338, 340, 342, 344, 346, 348, 350, 352, 354, 356, 358, 360, 362, 364, 366, 368, 370, 372, 374, 376, 378, 380, 382, 384, 386, 388, 390, 392, 394, 396, 398, 400, 402, 404, 406, 408, 410, 412, 414, 416, 418, 420, 422, 424, 426, 428, 430, 432, 434, 436, 438, 440, 442, 444, 446, 448, 450, 452, 454, 456, 458, 460, 462, 464, 466, 468, 470, 472, 474, 476, 478, 480, 482, 484, 486, 488, 490, 492, 494, 496, 498, 500, 502, 504, 506, 508, 510, 512, 514, 516, 518, 520, 522, 524, 526, 528, 530, 532, 534, 536, 538, 540, 542, 544, 546, 548, 550, 552, 554, 556, 558, 560, 562, 564, 566, 568, 570, 572, 574, 576, 578, 580, 582, 584, 586, 588, 590, 592, 594, 596, 598, 600, 602, 604, 606, 608, 610, 612, 614, 616, 618, 620, 622, 624, 626, 628, 630, 632, 634, 636, 638, 640, 642, 644, 646, 648, 650, 652, 654, 656, 658, 660, 662, 664, 666, 668, 670, 672, 674, 676, 678, 680, 682, 684, 686, 688, 690, 692, 694, 696, 698, 700, 702, 704, 706, 708, 710, 712, 714, 716, 718, 720, 722, 724, 726, 728, 730, 732, 734, 736, 738, 740, 742, 744, 746, 748, 750, 752, 754, 756, 758, 760, 762, 764, 766, 768, 770, 772, 774, 776, 778, 780, 782, 784, 786, 788, 790, 792, 794, 796, 798, 800, 802, 804, 806, 808, 810, 812, 814, 816, 818, 820, 822, 824, 826, 828, 830, 832, 834, 836, 838, 840, 842, 844, 846, 848, 850, 852, 854, 856, 858, 860, 862, 864, 866, 868, 870, 872, 874, 876, 878, 880, 882, 884, 886, 888, 890, 892, 894, 896, 898, 900, 902, 904, 906, 908, 910, 912, 914, 916, 918, 920, 922, 924, 926, 928, 930, 932, 934, 936, 938, 940, 942, 944, 946, 948, 950, 952, 954, 956, 958, 960, 962, 964, 966, 968, 970, 972, 974, 976, 978, 980, 982, 984, 986, 988, 990, 992, 994, 996, 998, 1000, 1002, 1004, 1006, 1008, 1010, 1012, 1014, 1016, 1018, 1020, 1022, 1024, 1026, 1028, 1030, 1032, 1034, 1036, 1038, 1040, 1042, 1044, 1046, 1048, 1050, 1052, 1054, 1056, 1058, 1060, 1062, 1064, 1066, 1068, 1070, 1072, 1074, 1076, 1078, 1080, 1082, 1084, 1086, 1088, 1090, 1092, 1094, 1096, 1098, 1100, 1102, 1104, 1106, 1108, 1110, 1112, 1114, 1116, 1118, 1120, 1122, 1124, 1126, 1128, 1130, 1132, 1134, 1136, 1138, 1140, 1142, 1144, 1146, 1148, 1150, 1152, 1154, 1156, 1158, 1160, 1162, 1164, 1166, 1168, 1170, 1172, 1174, 1176, 1178, 1180, 1182, 1184, 1186, 1188, 1190, 1192, 1194, 1196, 1198, 1200, 1202, 1204, 1206, 1208, 1210, 1212, 1214, 1216, 1218, 1220, 1222, 1224, 1226, 1228, 1230, 1232, 1234, 1236, 1238, 1240, 1242, 1244, 1246, 1248, 1250, 1252, 1254, 1256, 1258, 1260, 1262, 1264, 1266, 1268, 1270, 1272, 1274, 1276, 1278, 1280, 1282, 1284, 1286, 1288, 1290, 1292, 1294, 1296, 1298, 1300, 1302, 1304, 1306, 1308, 1310, 1312, 1314, 1316, 1318, 1320, 1322, 1324, 1326, 1328, 1330, 1332, 1334, 1336, 1338, 1340, 1342, 1344, 1346, 1348, 1350, 1352, 1354, 1356, 1358, 1360, 1362, 1364, 1366, 1368, 1370, 1372, 1374, 1376, 1378, 1380, 1382, 1384, 1386, 1388, 1390, 1392, 1394, 1396, 1398, 1400, 1402, 1404, 1406, 1408, 1410, 1412, 1414, 1416, 1418, 1420, 1422, 1424, 1426, 1428, 1430, 1432, 1434, 1436, 1438, 1440, 1442, 1444, 1446, 1448, 1450, 1452, 1454, 1456, 1458, 1460, 1462, 1464, 1466, 1468, 1470, 1472, 1474, 1476, 1478, 1480, 1482, 1484, 1486, 1488, 1490, 1492, 1494, 1496, 1498, 1500, 1502, 1504, 1506, 1508, 1510, 1512, 1514, 1516, 1518, 1520, 1522, 1524, 1526, 1528, 1530, 1532, 1534, 1536, 1538, 1540, 1542, 1544, 1546, 1548, 1550, 1552, 1554, 1556, 1558, 1560, 1562, 1564, 1566, 1568, 1570, 1572, 1574, 1576, 1578, 1580, 1582, 1584, 1586, 1588, 1590, 1592, 1594, 1596, 1598, 1600, 1602, 1604, 1606, 1608, 1610, 1612, 1614, 1616, 1618, 1620, 1622, 1624, 1626, 1628, 1630, 1632, 1634, 1636, 1638, 1640, 1642, 1644, 1646, 1648, 1650, 1652, 1654, 1656, 1658, 1660, 1662, 1664, 1666, 1668, 1670, 1672, 1674, 1676, 1678, 1680, 1682, 1684, 1686, 1688, 1690, 1692, 1694, 1696, 1698, 1700, 1702, 1704, 1706, 1708, 1710, 1712, 1714, 1716, 1718, 1720, 1722, 1724, 1726, 1728, 1730, 1732, 1734, 1736, 1738, 1740, 1742, 1744, 1746, 1748, 1750, 1752, 1754, 1756, 1758, 1760, 1762, 1764, 1766, 1768, 1770, 1772, 1774, 1776, 1778, 1780, 1782, 1784, 1786, 1788, 1790, 1792, 1794, 1796, 1798, 1800, 1802, 1804, 1806, 1808, 1810, 1812, 1814, 1816, 1818, 1820, 1822, 1824, 1826, 1828, 1830, 1832, 1834, 1836, 1838, 1840, 1842, 1844, 1846, 1848, 1850, 1852, 1854, 1856, 1858, 1860, 1862, 1864, 1866, 1868, 1870, 1872, 1874, 1876, 1878, 1880, 1882, 1884, 1886, 1888, 1890, 1892, 1894, 1896, 1898, 1900, 1902, 1904, 1906, 1908, 1910, 1912, 1914, 1916, 1918, 1920, 1922, 1924, 1926, 1928, 1930, 1932, 1934, 1936, 1938, 1940, 1942, 1944, 1946, 1948, 1950, 1952, 1954, 1956, 1958, 1960, 1962, 1964, 1966, 1968, 1970, 1972, 1974, 1976, 1978, 1980, 1982, 1984, 1986, 1988, 1990, 1992, 1994, 1996, 1998, 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2020, 2022, 2024, 2026, 2028, 2030, 2032, 2034, 2036, 2038, 2040, 2042, 2044, 2046, 2048, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2068, 2070, 2072, 2074, 2076, 2078, 2080, 2082, 2084, 2086, 2088, 2090, 2092, 2094, 2096, 2098, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2138, 2140, 2142, 2144, 2146, 2148, 2150, 2152, 2154, 2156, 2158, 2160, 2162, 2164, 2166, 2168, 2170, 2172, 2174, 2176, 2178, 2180, 2182, 2184, 2186, 2188, 2190, 2192, 2194, 2196, 2198, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2214, 2216, 2218, 2220, 2222, 2224, 2226, 2228, 2230, 2232, 2234, 2236, 2238, 2240, 2242, 2244, 2246, 2248, 2250, 2252, 2254, 2256, 2258, 2260, 2262, 2264, 2266, 2268, 2270, 2272, 2274, 2276, 2278, 2280, 2282, 2284, 2286, 2288, 2290, 2292, 2294, 2296, 2298, 2300, 2302, 2304, 2306, 2308, 2310, 2312, 2314, 2316, 2318, 2320, 2322, 2324, 2326, 2328, 2330, 2332, 2334, 2336, 2338, 2340, 2342, 2344, 2346, 2348, 2350, 2352, 2354, 2356, 2358, 2360, 2362, 2364, 2366, 2368, 2370, 2372, 2374, 2376, 2378, 2380, 2382, 2384, 2386, 2388, 2390, 2392, 2394, 2396, 2398, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2424, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450,

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Sampling Activity	Sample Description					Planned Date	Area	Type of Location	Location	Emissions Types (A1) and Quantities Requested						
	Sample Type	Sample Matrix	Cct Type	Sampling Method						A11	A12	A13	A14	A15	A16	A17
PGR13	REG	SOLID WASTE	GRAB	BASD	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A	3K	9A	2G	5G	CN	M/N	1 PC
PGR14	REG	SOLID WASTE	GRAB	BASD	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A							
PGR15	REG	SOLID WASTE	GRAB	BASD	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A							
PGR16	REG	SOLID WASTE	GRAB	BASD	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A							
PGR17	REG	SOLID WASTE	GRAB	BASD	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A							
PGR18	REG	SOLID WASTE	GRAB	BASD	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A							
PGR19	REG	SOLID WASTE	GRAB	BASD	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A							
PGR20	REG	SOLID WASTE	GRAB	BASD	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A							
PGR21	REG	SOLID WASTE	GRAB	BASD	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A							
PGR22	REG	SOLID WASTE	GRAB	BASD	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A							
PGR23	REG	SOLID WASTE	GRAB	BASD	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A							
PGR24	REG	SOLID WASTE	GRAB	BASD	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A							
PGR25	REG	SOLID WASTE	GRAB	BASD	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A							
PGR26	REG	SOLID WASTE	GRAB	BASD	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A							
PGR27	REG	SOLID WASTE	GRAB	BASD	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A							

The sampling activity displayed on this table represents the first six characters of the sample identification number (10 characters), will apply on field guidance items and sample labels.

The complete sample identification number (10 characters) will apply on field guidance items and sample labels.

Comments:

A11: Analyte Suite #1	Sequential Retention Fractions														
A12: Analyte Suite #2	Analytical activities conducted in support of this suite will be performed in accordance with WIP required target analysis (not WIP methods)														
A13: Analyte Suite #3	This will be specified in the laboratory contract.														
A14: Analyte Suite #4	This will be specified in the laboratory contract.														
A15: Analyte Suite #5	Analysis Suite #5: Analytical activities conducted in support of this suite will be performed in accordance with the EL-C40/P. This will be specified in the laboratory contract.														
A16: Analyte Suite #6	This will be specified in the laboratory contract.														
A17: Crayola (Total & Amenable)	Isotopic Plutonium includes Pu-238, Pu-239/140 and Pu-242. Isotopic Uranium includes U-235/238, U-238 and U-236.														
A18: Monitor Content	VOC 19 as soon after to be as being taken from 4.5' to 5.5' ft. will be taken from the deepest available position in cases where the core is less than 5 ft in length.														
A19: Nitrate															
A110: PCBs	Comments:														
Analyte Suite #1: Nitrate, PCBs, SVOCs, TAL, VOCs, TAL, Total Metals															
Analyte Suite #2: Am-241, Nr-237, Plut., U-234, U-238, SVOCs (TAL), VOCs (TAL)															
Analyte Suite #3: Am-241, Nr-237, Plut., U-234, U-238, SVOCs (TAL), VOCs (TAL)															
Analyte Suite #4: Am-241, Nr-237, Plut., U-234, U-238, SVOCs (TAL), VOCs (TAL)															
Analyte Suite #5: Am-241, Nr-237, Plut., U-234, U-238, SVOCs (TAL), VOCs (TAL)															
Analyte Suite #6: Am-241, Nr-237, Plut., U-234, U-238, SVOCs (TAL), VOCs (TAL)															
Analyte Suite #7: Am-241, Nr-237, Plut., U-234, U-238, SVOCs (TAL), VOCs (TAL)															
Analyte Suite #8: Am-241, Nr-237, Plut., U-234, U-238, SVOCs (TAL), VOCs (TAL)															
Analyte Suite #9: Am-241, Nr-237, Plut., U-234, U-238, SVOCs (TAL), VOCs (TAL)															
Analyte Suite #10: Am-241, Nr-237, Plut., U-234, U-238, SVOCs (TAL), VOCs (TAL)															
Analyte Suite #11: Am-241, Nr-237, Plut., U-234, U-238, SVOCs (TAL), VOCs (TAL)															
Analyte Suite #12: Am-241, Nr-237, Plut., U-234, U-238, SVOCs (TAL), VOCs (TAL)															
Analyte Suite #13: Am-241, Nr-237, Plut., U-234, U-238, SVOCs (TAL), VOCs (TAL)															
Analyte Suite #14: Am-241, Nr-237, Plut., U-234, U-238, SVOCs (TAL), VOCs (TAL)															
Analyte Suite #15: Am-241, Nr-237, Plut., U-234, U-238, SVOCs (TAL), VOCs (TAL)															
Analyte Suite #16: Am-241, Nr-237, Plut., U-234, U-238, SVOCs (TAL), VOCs (TAL)															
Analyte Suite #17: Am-241, Nr-237, Plut., U-234, U-238, SVOCs (TAL), VOCs (TAL)															
Analyte Suite #18: Am-241, Nr-237, Plut., U-234, U-238, SVOCs (TAL), VOCs (TAL)															
Analyte Suite #19: Am-241, Nr-237, Plut., U-234, U-238, SVOCs (TAL), VOCs (TAL)															
Analyte Suite #20: Am-241, Nr-237, Plut., U-234, U-238, SVOCs (TAL), VOCs (TAL)															

Project: OJU 7-t0 GLOVEBOX EXCAVATOR METHOD PROJECT

Project Manager: SALMON, H.

SMC Contact: MCGRUFF, T. W.

Sampling Activity	Sample Type	Sample Matrix	Col Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	Enter Analysis Items (A1) and Quantity Requested																	
										A11	A12	A13	A14	A15	A16	A17	A18	A19	A110	A111	A112	A113	A114	A115	A116	A117	A118
PGCR28	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PT19	WASTE ZONE	TBD	N/A	3A	SA	1G	2G	5G	6G	CN	MTR	1	PC	SB							
PGCR29	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PT19	WASTE ZONE	TBD	N/A																		
PGCR30	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PT19	WASTE ZONE	TBD	N/A																		
PGCR31	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PT19	WASTE ZONE	TBD	N/A																		
PGCR32	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PT19	WASTE ZONE	TBD	N/A																		
PGCR33	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PT19	WASTE ZONE	TBD	N/A																		
PGCR34	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PT19	WASTE ZONE	TBD	N/A																		
PGCR35	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PT19	WASTE ZONE	TBD	N/A																		
PGCR36	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PT19	WASTE ZONE	TBD	N/A																		
PGCR37	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PT19	WASTE ZONE	TBD	N/A																		
PGCR38	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PT19	WASTE ZONE	TBD	N/A																		
PGCR39	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PT19	WASTE ZONE	TBD	N/A																		
PGCR40	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PT19	WASTE ZONE	TBD	N/A																		
PGCR41	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PT19	WASTE ZONE	TBD	N/A																		
PGCR42	REG	SOLID WASTE	GRAB	BIASD	06/15/03	RWMC-PT19	WASTE ZONE	TBD	N/A																		

The sampling activity displayed on this table represents the first six characters of the sample identification number.

The complete sample identification number (10 character series) will appear on field guidance forms and sample labels.

Comments:

Sequential Reference/Extractions

A11: Analysis Site #1																								
A12: Analysis Site #2																								
A13: Analysis Site #3																								
A14: Analysis Site #4																								
A15: Analysis Site #5																								
A16: Analysis Site #6																								
A17: Crayrite (Total & Amenable)																								
A18: Moisture Content																								
A19: Nitrate																								
A110: PCBs																								
Analysis Suites:																								
Analysis Suite #1: Nitrate, PCBs, SVOCs, [Tl], VOCs, [Al], Total Metals																								
Analysis Suite #2: Am-241, Nr-237, Gamma Spec, Pb-210, U-234, Radon-226																								
Analysis Suite #3: Ar-41, Mg-257, Ph-223, Pb-210, U-235, U-238, Isotopic Uranium includes U-233/234																								
Analysis Suite #4: Ar-41, Pb-210, U-235, U-238																								
VOCs (all samples noted as being taken from 4.57 to 5.0 ft, will be taken from the deepest available position in cores where the core is more than 5 ft in length).																								
Confidential:																								

Sampling and Analysis Plan Table for Chemical and Radiochemical Analysis

Plan Table Number: PFT 9 GEM PROJ

SAF Number: INEE-DEXT-002-00542

Comments:

PFT Table Revision: 2.0 Project: OU 7-10 GLOVEBOX EXCAVATOR METHOD PROJECT

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Date: 02/28/2003

Comments:

Project Manager: SALOMON, H.

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Sample Description										Sample Location										Easier Analysis Types (AT) and Isotropy Requested										
Sampling Activity	Sample Type	Sample Matrix	Colt Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20	
PGS58	REG	SOLID WASTE	GRAB	BIA3D	09/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A																					
PGS101	REG	SOIL	GRAB	BIA3D	09/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A																					
PGS102	REG	SOIL	GRAB	BIA3D	09/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A																					
PGS103	REG	SOIL	GRAB	BIA3D	09/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A																					
PGS104	REG	SOIL	GRAB	BIA3D	09/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A																					
PGS105	REG	SOIL	GRAB	BIA3D	09/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A																					
PGS106	REG	SOIL	GRAB	BIA3D	09/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A																					
PGS107	REG	SOIL	GRAB	BIA3D	09/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A																					
PGS108	REG	SOIL	GRAB	BIA3D	09/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A																					
PGS109	REG	SOIL	GRAB	BIA3D	09/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A																					
PGS110	REG	SOIL	GRAB	BIA3D	09/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A																					
PGS111	REG	SOIL	GRAB	BIA3D	09/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A																					
PGS112	REG	SOIL	GRAB	BIA3D	09/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A																					
PGS113	REG	SOIL	GRAB	BIA3D	09/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A																					
PGS114	REG	SOIL	GRAB	BIA3D	09/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A																					

The sampling activity displayed on this table represents the first six characters of the sample identification number. The complete sample identification number (10 character) will appear on field guidance forms and sample labels.

A11: Sequential Radiotracer Extractions

Comments:

Analysis Suite #1	Analysis Suite #1: Nitrile, PCBs, SVOCs (TAL), VOCs (TAL), Total Metals	
Analysis Suite #2	Analysis Suite #2: Ar-41, Br-217, Gamma Spect., Pb-210, U-234, Th-232	
Analysis Suite #3	Analysis Suite #3: Ar-41, Br-217, Gamma Spect., Pb-210, U-234, Th-232	
Analysis Suite #4	Analysis Suite #4: Ar-41, Br-217, Pb-238, U-234, U-238, U-232	
Analysis Suite #5	Analysis Suite #5: Ar-41, Br-217, Pb-238, U-234, U-238, U-232	
Analysis Suite #6	Analysis Suite #6: Ar-41, Br-217, Pb-238, U-234, U-238, U-232	
Analysis Suite #7	Analysis Suite #7: Ar-41, Br-217, Pb-238, U-234, U-238, U-232	
Analysis Suite #8	Analysis Suite #8: Ar-41, Br-217, Pb-238, U-234, U-238, U-232	
Analysis Suite #9	Analysis Suite #9: Ar-41, Br-217, Pb-238, U-234, U-238, U-232	
Analysis Suite #10	Analysis Suite #10: Ar-41, Br-217, Pb-238, U-234, U-238, U-232	
Analysis Suite #11	Analysis Suite #11: Nitrile, PCBs, SVOCs (TAL), VOCs (TAL), Total Metals	
Analysis Suite #12	Analysis Suite #12: Ar-41, Br-217, Gamma Spect., Pb-210, U-234, Th-232	
Analysis Suite #13	Analysis Suite #13: Ar-41, Br-217, Gamma Spect., Pb-210, U-234, Th-232	
Analysis Suite #14	Analysis Suite #14: Ar-41, Br-217, Pb-238, U-234, U-238, U-232	
Analysis Suite #15	Analysis Suite #15: Ar-41, Br-217, Pb-238, U-234, U-238, U-232	
Analysis Suite #16	Analysis Suite #16: Ar-41, Br-217, Pb-238, U-234, U-238, U-232	
Analysis Suite #17	Analysis Suite #17: Ar-41, Br-217, Pb-238, U-234, U-238, U-232	
Analysis Suite #18	Analysis Suite #18: Ar-41, Br-217, Pb-238, U-234, U-238, U-232	
Analysis Suite #19	Analysis Suite #19: Ar-41, Br-217, Pb-238, U-234, U-238, U-232	
Analysis Suite #20	Analysis Suite #20: Ar-41, Br-217, Pb-238, U-234, U-238, U-232	

Comments:

A11: Sequential Radiotracer Extractions

Comments:

A12: Analysis Suite #1: Analytic activities conducted in support of this suite will be performed in accordance with WTPP protocol and will include WTPP required target analysis per WTPP methods.

This will be specified in the laboratory contract.

A13: Analysis Suite #2: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A14: Analysis Suite #3: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A15: Analysis Suite #4: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A16: Analysis Suite #5: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A17: Analysis Suite #6: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A18: Analysis Suite #7: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A19: Analysis Suite #8: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A20: Analysis Suite #9: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

Comments:

A11: Sequential Radiotracer Extractions

Comments:

A12: Analysis Suite #1: Analytic activities conducted in support of this suite will be performed in accordance with WTPP protocol and will include WTPP required target analysis per WTPP methods.

This will be specified in the laboratory contract.

A13: Analysis Suite #2: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A14: Analysis Suite #3: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A15: Analysis Suite #4: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A16: Analysis Suite #5: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A17: Analysis Suite #6: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A18: Analysis Suite #7: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A19: Analysis Suite #8: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A20: Analysis Suite #9: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

Comments:

A11: Sequential Radiotracer Extractions

Comments:

A12: Analysis Suite #1: Analytic activities conducted in support of this suite will be performed in accordance with WTPP protocol and will include WTPP required target analysis per WTPP methods.

This will be specified in the laboratory contract.

A13: Analysis Suite #2: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A14: Analysis Suite #3: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A15: Analysis Suite #4: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A16: Analysis Suite #5: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A17: Analysis Suite #6: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A18: Analysis Suite #7: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A19: Analysis Suite #8: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

A20: Analysis Suite #9: Analytic activities conducted in support of this suite will be performed in accordance with the ERQDPP. This will be specified in the laboratory contract.

DRAFT

Plan Table Number: PIT 9 GEM PROJ

SAP Number: INIEU/ET-02-00542

Plan Table Revision: 2.0 Project: OU 7-10 GLOWEBOOK EXCAVATOR METHOD PROJECT

Project Manager: SALOMON, H

Sampling Activity	Sample Type	Sample Matrix	Co-1 Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	Enter Analysis Types (A1) and Quality Requested																	
										A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18
PNG15	REG	SOIL	GRAB	BIASD	08/15/03	RWMC-PIT 9	WASTE ZONE	TBD	N/A	3A	9A	1G	2G	6G	CN	M/N	1	PC	SB								
PNG16	REG	SOIL	GRAB	BIASD	08/15/03	RWMC-PIT 9	WASTE ZONE	TBD	N/A																		
PNG17	REG	SOIL	GRAB	BIASD	08/15/03	RWMC-PIT 9	WASTE ZONE	TBD	N/A																		
PNG18	REG	SOIL	GRAB	BIASD	08/15/03	RWMC-PIT 9	WASTE ZONE	TBD	N/A																		
PNG19	REG	SOIL	GRAB	BIASD	08/15/03	RWMC-PIT 9	WASTE ZONE	TBD	N/A																		
PNG20	REG	SOIL	GRAB	BIASD	08/15/03	RWMC-PIT 9	WASTE ZONE	TBD	N/A																		
PNG21	REG	SOIL	GRAB	BIASD	08/15/03	RWMC-PIT 9	WASTE ZONE	TBD	N/A																		
PNG22	REG	SOIL	GRAB	BIASD	08/15/03	RWMC-PIT 9	WASTE ZONE	TBD	N/A																		
PNG23	REG	SOIL	GRAB	BIASD	08/15/03	RWMC-PIT 9	WASTE ZONE	TBD	N/A																		
PNG24	REG	SOIL	GRAB	BIASD	08/15/03	RWMC-PIT 9	WASTE ZONE	TBD	N/A																		
PNG25	REG	SOIL	GRAB	BIASD	08/15/03	RWMC-PIT 9	WASTE ZONE	TBD	N/A																		
PNG26	REG	SOIL	GRAB	BIASD	08/15/03	RWMC-PIT 9	WASTE ZONE	TBD	N/A																		
PNG27	REG	SOIL	GRAB	BIASD	08/15/03	RWMC-PIT 9	WASTE ZONE	TBD	N/A																		
PNG28	REG	SOIL	GRAB	BIASD	08/15/03	RWMC-PIT 9	WASTE ZONE	TBD	N/A																		
PNG29	REG	SOIL	GRAB	BIASD	08/15/03	RWMC-PIT 9	WASTE ZONE	TBD	N/A																		

The sampling activity displayed on this table represents the first six characters of the sample identification number. The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.

Comments:

A11: Sequential Radiocarbon Dates Extractions

A12: Analytical Activities conducted in support of this suite will be performed in accordance with WPP protocol and will include WPP required target analyses per WPP methods.

A13: This will be specified in the laboratory contract.

A14: Analytical Activities conducted in support of this suite will be performed in accordance with the ERDA99. This will be specified in the subcontract contract.

A15: Analytical Activities conducted in support of this suite will be performed in accordance with the ERDA99. This will be specified in the subcontract contract.

A16: Isotope Plutonium includes Pu-238, Pu-239/240, and Pu-242; Isotopic Uranium includes U-233/234, U-235 and U-238

A17: VOCs will be analyzed as being taken from 4'6" to 15'0" will be taken from the deepest available position in cases where the core is less than 5' in length.

A18: Contingencies:

A19: VOCs will be analyzed as being taken from 4'6" to 15'0" will be taken from the deepest available position in cases where the core is less than 5' in length.

A20: Analysis Suites:

Analytical Suite #1 Nitrate, PCBs, SVOCs (TAL), VOCs (TAL), Total Metals

Analytical Suite #2 Am-241, Nb-237, Gamma, Spec. Radiso, U-238, Plutonium-238

Analytical Suite #3 Average Major Cations

Analytical Suite #4 Am-241, Nb-237, Pb-210, U-238, SVOCs (TAL), VOCs (TAL)

Analytical Suite #5 Am-241, Total Inorganic Carbon, Na-226, Li-7, Total Metals

Analytical Suite #6 Am-241, Total Inorganic Carbon, Na-226, Li-7, Total Organic Carbon, Total Metals

DRAFT

Project Manager: SALONON, H.

Sampling Activity	Sample Type	Sample Matrix	Cell Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	Enter Analysis Types (A1) and Quantity Requested																	
										A11	A12	A13	A14	A15	A16	A17	A18	A19	A110	A111	A112	A13	A14	A15	A16	A17	A18
PRG1/H	REG	SOIL	COMP	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	P8-CORE-1	10-20																		
PRG1/H	REG	SOIL	GRAB	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	P8-CORE-1	20-23																		
PRG1/J	REG	SOIL	GRAB	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	P8-CORE-1	23-26																		
PRG1/K	REG	SOIL	GRAB	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	P8-CORE-1	26-30																		
PRG1/L	REG	SOIL	COMP	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	P8-CORE-1	20-30																		
PRG1/M	REG	SOIL	GRAB	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	P8-CORE-1	30-33																		
PRG1/N	REG	SOIL	GRAB	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	P8-CORE-1	33-36																		
PRG1/O	REG	SOIL	GRAB	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	P8-CORE-1	36-40																		
PRG1/P	REG	SOIL	COMP	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	P8-CORE-1	30-40																		
PRG1/Q	REG	SOIL	GRAB	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	P8-CORE-1	40-43																		
PRG1/R	REG	SOIL	GRAB	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	P8-CORE-1	43-46																		
PRG1/S	REG	SOIL	GRAB	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	P8-CORE-1	46-50																		
PRG1/T	REG	SOIL	COMP	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	P8-CORE-1	40-50																		
PRG1/W	REG	SOIL	GRAB	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	P8-CORE-2	TBD (0.5)																		
PRG1/X	REG	SOIL	GRAB	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	P8-CORE-2	0.0-0.33																		
The sampling activity displayed on this table represents the first six characters of the sample identification number.										The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.										Comments:							
A11: Analysis Suite #1										Sequential Radioactive Emissions										Analysis Suite #1: Analytical activities conducted in support of this suite will be performed in accordance with WRP protocol and will include WRPP required target analysis per WRP methods.							
A12: Analysis Suite #2										A13: Analysis Suite #3										This will be specified in the laboratory contract.							
A14: Analysis Suite #4										A15: Analysis Suite #5										Analysis Suite #2: Analytical activities conducted in support of this suite will be performed in accordance with the ER GWP. This will be specified in the laboratory contract.							
A16: Analysis Suite #6										A17: Analysis Suite #7										Isotopic Plutonium includes Pu-238, Pu-239, Pu-240 and Pu-242. Isotopic Uranium includes U-232, U-234, U-235 and U-238.							
A18: Medium Content										A19: Nitrate										VOC grab samples noted as being taken from 4.67 to 5.0 ft. will be taken from the deepest available position in zones where the core is less than 5 ft in depth.							
A20: Confined										A21: Analysis Suite #1: Nitrate, PCBS, SVOCs [TAL], VOCs [TAL], Total Metals										Analysis Suite #1: Nitrate, PCBS, SVOCs [TAL], VOCs [TAL], Total Metals							
A22: Analysis Suite #2: Am-241, Hp-237, Pu-238, U-236, SVOCs [TAL], VOCs [TAL]										A23: Analysis Suite #3: Am-241, Hp-237, Pu-238, U-236, Total Metals										Analysis Suite #2: Am-241, Hp-237, Pu-238, U-236, Total Metals							
A24: Analysis Suite #4: Am-241, Hp-237, Pu-238, U-236, Total Metals										A25: Analysis Suite #5: Am-241, Hp-237, Pu-238, U-236, Total Metals										Analysis Suite #3: Am-241, Hp-237, Pu-238, U-236, Total Metals							
A26: Analysis Suite #6: Am-241, Hp-237, Pu-238, U-236, Total Metals										A27: Analysis Suite #7: Am-241, Hp-237, Pu-238, U-236, Total Metals										Analysis Suite #4: Am-241, Hp-237, Pu-238, U-236, Total Metals							
A28: Analysis Suite #8: Am-241, Hp-237, Pu-238, U-236, Total Metals										A29: Analysis Suite #9: Am-241, Hp-237, Pu-238, U-236, Total Metals										Analysis Suite #5: Am-241, Hp-237, Pu-238, U-236, Total Metals							
A30: Analysis Suite #10: Am-241, Hp-237, Pu-238, U-236, Total Metals										A31: Analysis Suite #11: Am-241, Hp-237, Pu-238, U-236, Total Metals										Analysis Suite #6: Am-241, Hp-237, Pu-238, U-236, Total Metals							

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Project Manager: SALOMON, H.

SMO Contact: MCGRUFF, T. W.

Sampling Activity	Sample Type	Sample Matrix	Coil Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	Error Analysis Types (A) and Quantity Requested												
										A11	A12	A13	A14	A15	A16	A17	A18	A19	A110	A111	A112	A113
PREGUQ	REG	SOIL	GRAB	CORE	09/15/03	RWMC - PIT 9	UNDERBURDEN	P9-CORE-2	4.0 - 4.33													
PREGUR	REG	SOIL	GRAB	CORE	09/15/03	RWMC - PIT 9	UNDERBURDEN	P9-CORE-2	4.34 - 4.65													
PREGUJS	REG	SOIL	GRAB	CORE	09/15/03	RWMC - PIT 9	UNDERBURDEN	P9-CORE-2	4.67 - 5.0													
PREGUJT	REG	SOIL	COMP	CORE	09/15/03	RWMC - PIT 9	UNDERBURDEN	P9-CORE-2	4.9 - 5.0													
PREGUJ0	REG	SOIL	GRAB	CORE	09/15/03	RWMC - PIT 9	UNDERBURDEN	P9-CORE-3	TBD (0.5)													
PREGUJA	REG	SOIL	GRAB	CORE	09/15/03	RWMC - PIT 9	UNDERBURDEN	P9-CORE-3	0.0 - 0.33													
PREGUJB	REG	SOIL	GRAB	CORE	09/15/03	RWMC - PIT 9	UNDERBURDEN	P9-CORE-3	0.34 - 0.69													
PREGUJC	REG	SOIL	GRAB	CORE	09/15/03	RWMC - PIT 9	UNDERBURDEN	P9-CORE-3	0.61 - 1.10													
PREGUJD	REG	SOIL	COMP	CORE	09/15/03	RWMC - PIT 9	UNDERBURDEN	P9-CORE-3	0.0 - 0.10													
PREGUJE	REG	SOIL	GRAB	CORE	09/15/03	RWMC - PIT 9	UNDERBURDEN	P9-CORE-3	1.0 - 1.33													
PREGUJS	REG	SOIL	GRAB	CORE	09/15/03	RWMC - PIT 9	UNDERBURDEN	P9-CORE-3	1.34 - 1.63													
PREGUJS	REG	SOIL	GRAB	CORE	09/15/03	RWMC - PIT 9	UNDERBURDEN	P9-CORE-3	1.67 - 2.0													
PREGUJH	REG	SOIL	COMP	CORE	09/15/03	RWMC - PIT 9	UNDERBURDEN	P9-CORE-3	1.13 - 2.0													
PREGUJI	REG	SOIL	GRAB	CORE	09/15/03	RWMC - PIT 9	UNDERBURDEN	P9-CORE-3	2.0 - 2.33													
PREGUJ0	REG	SOIL	GRAB	CORE	09/15/03	RWMC - PIT 9	UNDERBURDEN	P9-CORE-3	2.34 - 2.96													

The sampling activity displayed on the table represents the first six characters of the sample identification number.

The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.

Comments: Sequential Rationed Extractions

A11:	Analysis Suite #1	A111: Sequential Rationed Extractions
A12:		A112:
A13:	Analysis Suite #3	A113:
A14:	Analysis Suite #4	A114:
A15:	Analysis Suite #5	A115:
A16:	Analysis Suite #6	A116:
A17:	Cyanide (Total & Available)	A117:
A18:	Nature Content	A118:
A19:	Nitrate	A119:
A110:	PCBs	A120:

Analysis Suites:

Analysis Suite #1: Niue & PCBs, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #2: Am-241, Ni-237, Gamma Spec., Pb-210, U-234, Radon-226

Analysis Suite #3: Arsenic, Major Elements

Analysis Suite #4: Am-241, Ni-237, Pb-210, U-234, SVOCs (TAL), VOCs (TAL)

Analysis Suite #5: Am-241, Ni-237, Pu-238, U-234, Isotopic Uranium (includes U-233/U-235, U-235/U-238, U-238/U-232)

Analysis Suite #6: Am-241, Ni-237, Pu-238, U-234, Isotopic Uranium (includes U-233/U-235, U-235/U-238, U-238/U-232)

VOC grab samples noted as being taken from 4.5' to 5.0' ft. will be taken from the deepest available position in areas where the core is less than 5' in length.

Contingencies:

Sampling Locality	Sample Type	Sample Name	Coh Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	Element Analysis Types (AT) and Countery Requested																	
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18
PIGU3K	REG	SOIL	GRAB	CORE	08/15/03	RWMC - PT19	UNDERBURDEN	PC-CORE-3	2.87 - 3.0																		
PIGU3L	REG	SOIL	COMP	CORE	08/15/03	RWMC - PT19	UNDERBURDEN	PC-CORE-3	2.0 - 3.0																		
PIGU3M	REG	SOIL	GRAB	CORE	08/15/03	RWMC - PT19	UNDERBURDEN	PC-CORE-3	3.0 - 3.3																		
PIGU3N	REG	SOIL	GRAB	CORE	08/15/03	RWMC - PT19	UNDERBURDEN	PC-CORE-3	3.34 - 3.56																		
PIGU3O	REG	SOIL	GRAB	CORE	08/15/03	RWMC - PT19	UNDERBURDEN	PC-CORE-3	3.67 - 4.0																		
PIGU3P	REG	SOIL	COMP	CORE	08/15/03	RWMC - PT19	UNDERBURDEN	PC-CORE-3	3.0 - 4.0																		
PIGU3Q	REG	SOIL	GRAB	CORE	08/15/03	RWMC - PT19	UNDERBURDEN	PC-CORE-3	4.0 - 4.3																		
PIGU3R	REG	SOIL	GRAB	CORE	08/15/03	RWMC - PT19	UNDERBURDEN	PC-CORE-3	4.34 - 4.66																		
PIGU3S	REG	SOIL	GRAB	CORE	08/15/03	RWMC - PT19	UNDERBURDEN	PC-CORE-3	4.67 - 5.0																		
PIGU3T	REG	SOIL	COMP	CORE	08/15/03	RWMC - PT19	UNDERBURDEN	PC-CORE-3	4.9 - 5.0																		
PIGU3H0	REG	SOIL	GRAB	CORE	08/15/03	RWMC - PT19	UNDERBURDEN	PC-CORE-4	TBD (0.0 - 5.0)																		
PIGU3A4	REG	SOIL	GRAB	CORE	08/15/03	RWMC - PT19	UNDERBURDEN	PC-CORE-4	0.0 - 0.33																		
PIGU3B	REG	SOIL	GRAB	CORE	08/15/03	RWMC - PT19	UNDERBURDEN	PC-CORE-4	0.34 - 0.56																		
PIGU3C	REG	SOIL	GRAB	CORE	08/15/03	RWMC - PT19	UNDERBURDEN	PC-CORE-4	0.67 - 1.0																		
PIGU3D	REG	SOIL	COMP	CORE	08/15/03	RWMC - PT19	UNDERBURDEN	PC-CORE-4	0.0 - 1.0																		
The sampling activity displayed on this table represents the first six characters of the sample identification number. The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.													Comments:														
AT1:	Analytical Suite #1										Analysis Suite #1: Analytical activities conducted in support of this suite will be performed in accordance with WMP protocol and will include WMP required target methods per WMP methods.																
AT2:	Analytical Suite #2										Analysis Suite #2: Analytical activities conducted in support of this suite will be performed in accordance with WMP protocol and will include WMP required target methods per WMP methods.																
AT3:	Analytical Suite #3										This will be specified in the laboratory contract.																
AT4:	Analytical Suite #4										Analysis Suite #4: Analytical activities conducted in support of this suite will be performed in accordance with the ER D&P. This will be specified in the laboratory contract.																
AT5:	Analytical Suite #5										Analysis Suite #5: Analytical activities conducted in support of this suite will be performed in accordance with the ER D&P. This will be specified in the laboratory contract.																
AT6:	Analytical Suite #6										Analysis Suite #6: Analytical activities conducted in support of this suite will be performed in accordance with the ER D&P. This will be specified in the laboratory contract.																
AT7:	Cyanide (Total & Amenable)										Isotopic Plutonium includes Pu-238, Pu-239/240 and Pu-242. Isotopic Uranium includes U-232/234, U-235 and U-238.																
AT8:	Molybdenum Contract										VOC (gpm) samples noted as being taken from 4.67 to 5.0 ft, will be taken from the deepest available position in cases where the core is less than 5 ft in length.																
AT9:	Nitrate										PCBs																
AT10:	PCBs										Confidential:																

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Date: 01/17/2010 Project: OUT 7-10 GLOVEBOX EXCAVATOR METHOD PROJECT

Project Manager: SALOMON, H.

SNO Contact: MGRIF, T. W.

Sampling Activity	Sample Type	Sample Matrix	Coll Sampling Method	Planned Date	Area	Type of Location	Location	Depth (m)	Enter Analysis types (A1) and quantity Requested																		
									A1	A12	A13	A14	A15	A16	A17	A18	A19	A110	A111	A112	A113	A114	A115	A116	A117	A118	A119
PRG14E	REG	SOIL	GRAB	CORE	06/15/03	RWMC - PT 9	UNDERBURDEN	PR-CORE-4	1.0 - 1.33	1																	
PRG14F	REG	SOIL	GRAB	CORE	06/15/03	RWMC - PT 9	UNDERBURDEN	PR-CORE-4	1.34 - 1.86	1																	
PRG14G	REG	SOIL	GRAB	CORE	06/15/03	RWMC - PT 9	UNDERBURDEN	PR-CORE-4	1.87 - 2.0	1																	
PRG14H	REG	SOIL	COMP	CORE	06/15/03	RWMC - PT 9	UNDERBURDEN	PR-CORE-4	1.0 - 2.0																		
PRG14I	REG	SOIL	GRAB	CORE	06/15/03	RWMC - PT 9	UNDERBURDEN	PR-CORE-4	2.0 - 2.33	1																	
PRG14J	REG	SOIL	GRAB	CORE	06/15/03	RWMC - PT 9	UNDERBURDEN	PR-CORE-4	2.34 - 2.66	1																	
PRG14K	REG	SOIL	COMP	CORE	06/15/03	RWMC - PT 9	UNDERBURDEN	PR-CORE-4	2.67 - 3.0	1																	
PRG14L	REG	SOIL	GRAB	CORE	06/15/03	RWMC - PT 9	UNDERBURDEN	PR-CORE-4	2.0 - 2.0																		
PRG14M	REG	SOIL	GRAB	CORE	06/15/03	RWMC - PT 9	UNDERBURDEN	PR-CORE-4	2.0 - 2.33	1																	
PRG14N	REG	SOIL	GRAB	CORE	06/15/03	RWMC - PT 9	UNDERBURDEN	PR-CORE-4	3.34 - 3.66	1																	
PRG14O	REG	SOIL	GRAB	CORE	06/15/03	RWMC - PT 9	UNDERBURDEN	PR-CORE-4	3.57 - 4.0	1																	
PRG14P	REG	SOIL	COMP	CORE	06/15/03	RWMC - PT 9	UNDERBURDEN	PR-CORE-4	3.0 - 4.0																		
PRG14Q	REG	SOIL	GRAB	CORE	06/15/03	RWMC - PT 9	UNDERBURDEN	PR-CORE-4	4.0 - 4.33	1																	
PRG14R	REG	SOIL	GRAB	CORE	06/15/03	RWMC - PT 9	UNDERBURDEN	PR-CORE-4	4.34 - 4.66	1																	
PRG14S	REG	SOIL	GRAB	CORE	06/15/03	RWMC - PT 9	UNDERBURDEN	PR-CORE-4	4.67 - 5.0	1																	

The sampling activity displayed on this table represents the first six characters of the sample identification number. The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.

A11: Analytical Suite #1: Sequential Radiation Survey Extractions

Comments: Analytical Suite #1: Analytical activities conducted in support of this suite will be performed in accordance with WMP protocol and will include WMP required target analysis per WMP methods.

A112: _____

This will be specified in the laboratory contract.

A113: _____

Analytical Suite #2: Analytical activities conducted in support of this suite will be performed in accordance with the IR Database. This will be specified in the laboratory contract.

A114: _____

Analytical Suite #3: Isotopic Plutonium includes Pu-238, Pu-239/240 and Pu-242. Isotopic Uranium includes U-233/234, U-235 and U-238.

A115: _____

VOC grab samples noted as being taken from 4.67 to 5.0 m, will be taken from the deepest available position in a class where the core is less than 5 m in depth.

A116: _____

Contingencies:

A117: _____

Analysis Suite #1: Nitrate, PCBs, SVOCs, TAL, VOCs (TAL), Total Metals

A118: Analysis Suite #2: Ar-241, Hg-227, Gamma Spec, Pu-238, U-238, Radium-226

A119: Analysis Suite #3: Anions, Major Cations

A120: Analysis Suite #4: Ar-241, Hg-227, Pu-238, U-238, SVOCs (TAL), VOCs (TAL)

A121: Analysis Suite #5: Ar-241, Hg-227, Pu-238, U-238, U-235, U-234, U-233, U-232

A122: Analysis Suite #6: Ar-241, Hg-227, Pu-238, U-238, U-235, U-234, U-233, U-232

A123: Analysis Suite #7: Ar-241, Hg-227, Pu-238, U-238, U-235, U-234, U-233, U-232

A124: Analysis Suite #8: Ar-241, Hg-227, Pu-238, U-238, U-235, U-234, U-233, U-232

A125: Analysis Suite #9: Ar-241, Hg-227, Pu-238, U-238, U-235, U-234, U-233, U-232

A126: Analysis Suite #10: Ar-241, Hg-227, Pu-238, U-238, U-235, U-234, U-233, U-232

A127: Analysis Suite #11: Ar-241, Hg-227, Pu-238, U-238, U-235, U-234, U-233, U-232

A128: Analysis Suite #12: Ar-241, Hg-227, Pu-238, U-238, U-235, U-234, U-233, U-232

A129: Analysis Suite #13: Ar-241, Hg-227, Pu-238, U-238, U-235, U-234, U-233, U-232

A130: Analysis Suite #14: Ar-241, Hg-227, Pu-238, U-238, U-235, U-234, U-233, U-232

A131: Analysis Suite #15: Ar-241, Hg-227, Pu-238, U-238, U-235, U-234, U-233, U-232

A132: Analysis Suite #16: Ar-241, Hg-227, Pu-238, U-238, U-235, U-234, U-233, U-232

A133: Analysis Suite #17: Ar-241, Hg-227, Pu-238, U-238, U-235, U-234, U-233, U-232

A134: Analysis Suite #18: Ar-241, Hg-227, Pu-238, U-238, U-235, U-234, U-233, U-232

A135: Analysis Suite #19: Ar-241, Hg-227, Pu-238, U-238, U-235, U-234, U-233, U-232

A136: Analysis Suite #20: Ar-241, Hg-227, Pu-238, U-238, U-235, U-234, U-233, U-232

Sample Description										Sample Location										Enter Analysis Types (#1) and Quantity Requested																														
Sampling Activity	Sample Type	Sample Matrix	Coil Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20																					
PBGLSH	QC	SOIL	DUP	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	Pb-CORE-58	10 - 20																																									
PBGLSH	QC	SOIL	DUP	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	Pb-CORE-58	2.0 - 2.33	1																																								
PBGLSH	QC	SOIL	DUP	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	Pb-CORE-58	2.34 - 2.66	1																																								
PBGLSH	QC	SOIL	DUP	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	Pb-CORE-58	2.67 - 3.0	1																																								
PBGLSH	QC	SOIL	DUP	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	Pb-CORE-58	2.0 - 3.0	1																																								
PBGLSH	QC	SOIL	DUP	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	Pb-CORE-58	3.0 - 3.33	1																																								
PBGLSH	QC	SOIL	DUP	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	Pb-CORE-58	3.34 - 3.66	1																																								
PBGLSH	QC	SOIL	DUP	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	Pb-CORE-58	3.67 - 4.0	1																																								
PBGLSH	QC	SOIL	DUP	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	Pb-CORE-58	3.0 - 4.0	1																																								
PBGLSH	QC	SOIL	DUP	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	Pb-CORE-58	4.33 - 4.0	1																																								
PBGLSH	QC	SOIL	DUP	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	Pb-CORE-58	4.66 - 4.34	1																																								
PBGLSH	QC	SOIL	DUP	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	Pb-CORE-58	4.67 - 5.0	1																																								
PBGLSH	QC	SOIL	DUP	CORE	06/15/03	RWMC-PIT 9	UNDERBURDEN	Pb-CORE-58	4.0 - 5.0	1																																								
PBGLSH	QC	SOLID WASTE	DUP	GRAB	06/15/03	RWMC-PIT 9	WASTE ZONE	TSD	N/A	2																																								
PBGLSH	QC	SOLID WASTE	COMP	GRAB	06/15/03	RWMC-PIT 9	WASTE ZONE	TSD	N/A	1																																								
The sampling activity displayed on this table represents the first six characters of the sample identification number. The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.										Comments:																		Contingencies																						
AT1:	Analysis Suite #1: Sequential Radionuclide Extraction																																																	
AT12:	Analysis Suite #2: Radioassay																																																	
AT13:	Analysis Suite #3: Gamma																																																	
AT14:	Analysis Suite #4: Arsenic																																																	
AT15:	Analysis Suite #5: Lead																																																	
AT16:	Analysis Suite #6: Cadmium																																																	
AT17:	Analysis Suite #7: Uranium																																																	
AT18:	Analysis Suite #8: Nitrate																																																	
AT19:	Analysis Suite #9: Phosphorus																																																	
AT20:	Analysis Suite #10: Chloride																																																	
	Analysis Suite #11: Nitrate, PCBs, VOCs (TAL), VOCs (FAL), Total Metals																																																	
	Analysis Suite #12: Arsenic, Pb-210, Cd-210, Gamma, Zinc, Lead, Uranium																																																	
	Analysis Suite #13: Arsenic, Major Cations																																																	
	Analysis Suite #14: Arsenic, Pb-210, U-232, U-238, Zinc																																																	
	Analysis Suite #15: Arsenic, U-232, U-238, Zinc																																																	
	Analysis Suite #16: Arsenic, Zinc, Lead, Cadmium, Zinc																																																	
	Analysis Suite #17: Arsenic, Zinc, Lead, Cadmium, Zinc																																																	
	Analysis Suite #18: Arsenic, Zinc, Lead, Cadmium, Zinc																																																	
	Analysis Suite #19: Arsenic, Zinc, Lead, Cadmium, Zinc																																																	
	Analysis Suite #20: Arsenic, Zinc, Lead, Cadmium, Zinc																																																	

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Sampling Activity	Sample Type	Sample Matrix	Col. Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	Entered Analysis Types (A1) and Quantity Requested																			
										A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A1A
PGRW03	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWMC-PTT 9	WASTE ZONE	TBD	N/A	3A	9A	1G	2G	5G	6G	CN	M/N	1	PC	SB									
PGRW04	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWMC-PTT 9	WASTE ZONE	TBD	N/A																				
PGRW05	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWMC-PTT 9	WASTE ZONE	TBD	N/A																				
PGRW06	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWMC-PTT 9	WASTE ZONE	TBD	N/A																				
PGRW07	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWMC-PTT 9	WASTE ZONE	TBD	N/A																				
PGRW08	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWMC-PTT 9	WASTE ZONE	TBD	N/A																				
PGRW09	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWMC-PTT 9	WASTE ZONE	TBD	N/A																				
PGRW10	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWMC-PTT 9	WASTE ZONE	TBD	N/A																				
PGRW11	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWMC-PTT 9	WASTE ZONE	TBD	N/A																				
PGRW12	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWMC-PTT 9	WASTE ZONE	TBD	N/A																				
PGRW13	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWMC-PTT 9	WASTE ZONE	TBD	N/A																				
PGRW14	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWMC-PTT 9	WASTE ZONE	TBD	N/A																				
PGRW15	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWMC-PTT 9	WASTE ZONE	TBD	N/A																				
PGRW16	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWMC-PTT 9	WASTE ZONE	TBD	N/A																				
PGRW17	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWMC-PTT 9	WASTE ZONE	TBD	N/A																				

The sampling activity displayed on this table represents the first six characters of the sample identification number. The complete sample identification number (10 characters) will appear on field guidance forms and sample tickets.

A11: Segments (Fractional Depth) Definitions

A11: Analytical Suite #1: Analytical activities conducted in support of this suite will be performed in accordance with WFP protocol and will include WFP Required Depth analysis. See WFP methods.

A12: This will be specified in the laboratory contract.

A13: Analytical Suite #2: Analytical activities conducted in support of this suite will be performed in accordance with the ER-QAP. This will be specified in the laboratory contract.

A14: Analytical Suite #3: Analytical activities conducted in support of this suite will be performed in accordance with the ER-QAP. This will be specified in the laboratory contract.

A15: Analytical Suite #4: Analytical activities conducted in support of this suite will be performed in accordance with the ER-QAP. This will be specified in the laboratory contract.

A16: Analytical Suite #5: Analytical activities conducted in support of this suite will be performed in accordance with the ER-QAP. This will be specified in the laboratory contract.

A17: Cxide (Total & Amenable)

A18: Metal Content

A19: Nitrate

A20: Contingencies

A21: PCBs

A22: Analysis Suites:

Analysis Suite #1: Nitrate, PCBs, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #2: Am 241, Hp-237, Pu-240, U-238, Gamma Spec., Pu-239, U-235

Analysis Suite #3: Arsenic, Major Oceans

Analysis Suite #4: Am 241, Hp-237, Pu-240, U-238, SVOCs (TAL), VOCs (TAL)

Analysis Suite #5: Am 241, Hp-237, Pu-240, U-238, Total Metals

Analysis Suite #6: Am 241, Total Inorganic Cadmium, Hp-237, Pu-238, Total Organic Cadmium, Total Metals

Sampling Activity	Sample Type	Sample Matrix	Col Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	Initial Analysis Types (A1) and Quantity Requested																			
									A1	A12	A13	A14	A15	A16	A17	A18	A19	A11	A111	A112	A113	A114	A115	A116	A117	A118	A119	A120
P95GM18	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PIT 9	WASTE ZONE	TBD	N/A	3A	9A	1G	2G	5G	6G	CN	MTR	1										
P95GM19	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PIT 9	WASTE ZONE	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A											
P95GM20	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PIT 9	WASTE ZONE	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2										
P95GM21	REGOC	SOLID WASTE	DUP	GRAB	06/15/03	RWM-C-PIT 9	WASTE ZONE	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1										
P95GM22	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PIT 9	WASTE ZONE	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1										
P95GM23	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PIT 9	WASTE ZONE	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1										
P95GM24	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PIT 9	WASTE ZONE	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1										
P95GM25	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PIT 9	WASTE ZONE	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1										
P95GM26	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PIT 9	WASTE ZONE	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1										
P95GM27	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PIT 9	WASTE ZONE	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1										
P95GM28	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PIT 9	WASTE ZONE	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1										
P95GM29	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PIT 9	WASTE ZONE	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1										
P95GM30	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PIT 9	WASTE ZONE	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1										
P95GM31	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PIT 9	WASTE ZONE	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1										
P95GM32	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PIT 9	WASTE ZONE	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1										
The sampling activity displayed on this table represents the first six characters of the sample identification number.									The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.												Comments:							
AT1	Analysis Suite #1								Sequential Radionuclide Extraction												Comments:							
AT2	Analysis Suite #2								Analytical activities conducted in support of this suite will be performed in accordance with WPP protocol and will include WPP issued target analysis per WPP methods.								Comments:				Comments:							
AT3	Analysis Suite #3								This will be specified in the laboratory contract.												Comments:							
AT4	Analysis Suite #4								Analysis Suite #2: Analytical activities conducted in support of this suite will be performed in accordance with the ER AAPP. This will be specified in the laboratory contract.												Comments:							
AT5	Analysis Suite #5								Analysis Suite #2: Analytical activities conducted in support of this suite will be performed in accordance with the ER AAPP. This will be specified in the laboratory contract.												Comments:							
AT6	Analysis Suite #6								U-235 and U-238												Comments:							
AT7	Cyanide (Total & Amenable)								U-238												Comments:							
AT8	Manganese Content								U-235												Comments:							
AT9	Nitrate								UCC total samples noted as being taken from 4.67 to 5.0 ft, will be taken from the deepest available position in cases where the core is less than 5 ft in length.												Comments:							
AT10	PCBs								Confidential												Comments:							
	Analysis Suites:								Analysis Suite #1: Nitrate, PCBs, SVOCs (TAL), VOCs (TAL), Total Metals												Comments:							
	Analysis Suite #2: Am-241, Nb-231, Gamma Spec., Pu-238, U-236								Analysis Suite #2: Am-241, Nb-231, Gamma Spec., Pu-238, U-236												Comments:							
	Analysis Suite #3: Am-241, Ni-235, Major Cations								Analysis Suite #3: Am-241, Ni-235, Major Cations												Comments:							
	Analysis Suite #4: Am-241, Ni-231, Pb-210, U-238, U-235								Analysis Suite #4: Am-241, Ni-231, Pb-210, U-238, U-235												Comments:							
	Analysis Suite #5: Am-241, Ni-231, Pb-210, U-238, U-235, Total Organic Carbon, Nitrate, Total Metals								Analysis Suite #5: Am-241, Ni-231, Pb-210, U-238, U-235, Total Organic Carbon, Nitrate, Total Metals												Comments:							

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Sampling Activity	Sample Description							Sample Location												Enter Analysis Type (A11-A17, A18-A21, A13-A16, A17-A18, A19-A20)															
	Sample Type	Sample Matrix	Cell Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	CN	MN	PC	SB												
PRGM48	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1																									
PRGM49	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1																									
PRGM50	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1																									
PRGM51	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1																									
PRGM52	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1																									
PRGM53	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1																									
PRGM54	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1																									
PRGM55	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1																									
PRGM56	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1																									
PRGM57	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1																									
PRGM58	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1																									
PRGM59	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1																									
PRGM60	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1																									
PRGM61	REGOC	SOLID WASTE	DUP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	2																									
PRGM62	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1																									

The sampling activity displayed on this table represents the tract characterized by the sample identification number. The complete sample identifier (number [10 characters]) will appear on field guidance forms and sample labels.

Comments:

- A11: Sequential Bottom-Up Excavations
- A12: Analytical Suite #1
- A13: Analytical Suite #2
- A14: Analytical Suite #3
- A15: Analytical Suite #4
- A16: Analytical Suite #5
- A17: Operator (Total & Amine) Site
- A18: Moisture Content
- A19: Nitrate
- A20: PCBs
- A21: Analysis Suite:
- Analysis Suite #1: Nitrate, PCBs, SiO₂, V(O₂)_n, Total Metals
- Analysis Suite #2: Ar-241, Np-237, Gamma Spect., Pu-192, U-234, Plutonium-238
- Analysis Suite #3: Anions, Major Cations
- Analysis Suite #4: Ar-241, Np-237, Plut., U-238, U-232, Iodine-Uranium includes U-233/234, U-235 and U-238
- Analysis Suite #5: Ar-241, Total inorganic Carbon, Np-237, Pu-238, U-235, Total Metals
- Analysis Suite #6: Ar-241, Total Organic Carbon, Total Metals
- Analysis Suite #7: Ar-241, Total inorganic Carbon, Np-237, Pu-238, U-235, Total Metals

DRAFT

Project Manager: SALOMON, H.

SMO Contact: MCGRUFF, T.W.

Sampling Activity	Sample Type	Sample Matrix	Sample Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	Env. Analysis types (A1) and quantity requested						
										A11	A12	A13	A14	A15	A16	A17
PHGMW3	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A	3A	9A	1G	2G	6G	CN	M/N
PHGMW4	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A	1						
PHGMW5	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A	1						
PHGMW6	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A	1						
PHGMW7	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A	1						
PHGMW8	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A	1						
PHGMW9	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A	1						
PHGMW10	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A	1						
PHGMW11	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A	1						
PHGMW72	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A	1						
PHGMW73	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A	1						
PHGMW74	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A	1						
PHGMW75	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A	1						
PHGMW76	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A	1						
PHGMW77	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM/C-PT19	WASTE ZONE	TBD	N/A	1						

The sampling activity displayed on this table represents the first 5 characters of the sample identification number. The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.

Comments: Sequential Redundant Extractions

- A11: Analytical activities conducted in support of this suite will be performed in Analysis Suite #1
- A12: Analysis Suite #2
- A13: Analysis Suite #3
- A14: Analysis Suite #4
- A15: Analysis Suite #5
- A16: Analysis Suite #6
- A17: Oracle (Total & Amenable)
- A18: Measure Content
- A19: Nitrate
- A110: PCBs
- A111: Analysis Suite #1: Nitrate, PCBs, SVOCs (TfA), VOCs (TfA), Total Metals
- A112: Analysis Suite #2: Am-241, Nr-237, Gamma Spec, Pb-238, U-238, Radon-226
- A113: Analysis Suite #3: Arsenic, Major Cations
- A114: Analysis Suite #4: Am-241, Nr-237, Pb-238, U-238, SVOCs (TfA), VOCs (TfA)
- A115: Analysis Suite #5: Am-241, Nr-237, Pb-238, U-238, Total Metals
- A116: Analysis Suite #6: Am-241, Nr-237, Pb-238, U-238, Total Organic Carbon, Total Metals
- A117: Isotopic Plutonium indicates Pu-238, Pu-239/240 and Pu-242. Isotopic Uranium indicates U-233/234, U-235 and U-238
- A118: VOC grab samples will be taken from 4'6" to 5' 0" ft. will be taken from the deepest available position in areas where the core is less than 5' in length.
- A119: VOC grab samples will be being taken from 4'6" to 5' 0" ft. will be taken from the deepest available position in areas where the core is less than 5' in length.
- A120: Contingencies

DRAFT

Project Manager: SALOMON, H.

SMO Contact: MCGRIFF, T. W.

Sampling Activity	Sample Type	Sample Matrix	Sample Description	Planned Date	Area	Type of Location	Location	Depth (ft)	Enter Analysis Types (A1) and Quantity Requested					
									A1	A12	A13	A14	A15	A16
P96W78	REG	SOLID WASTE	COMP	06/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A	3A	9A	1G	2G	5G	CN
P96W79	REG	SOLID WASTE	COMP	06/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A	1					
P96W80	REG	SOLID WASTE	COMP	06/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A	1					
P96W81	REG	SOLID WASTE	DUP	06/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A	1					
P96W82	REG	SOLID WASTE	COMP	06/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A	2					
P96W83	REG	SOLID WASTE	COMP	06/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A	1					
P96W84	REG	SOLID WASTE	COMP	06/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A	1					
P96W85	REG	SOLID WASTE	COMP	06/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A	1					
P96W86	REC	SOLID WASTE	COMP	06/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A	1					
P96W87	REG	SOLID WASTE	COMP	06/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A	1					
P96W88	REG	SOLID WASTE	COMP	06/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A	1					
P96W89	REG	SOLID WASTE	COMP	06/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A	1					
P96W90	REG	SOLID WASTE	COMP	06/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A	1					
P96W91	REG	SOLID WASTE	COMP	06/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A	1					
P96W92	REG	SOLID WASTE	COMP	06/15/03	RWM-C-PTT 9	WASTE ZONE	TBD	N/A	1					

The sampling activity displayed on this table represents the first six characters of the sample identification number.

The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.

Comments:

A11:	Sequential Redundant Extractions	Analysis Suite #1: Analytical activities conducted in support of this suite will be performed in accordance with WPP protocol and will include WPP required target analyses per WPP methods.
A112:		This will be specified in the laboratory contract.
A113:		
A114:		
A115:		Analysis Suite #2: Analytical activities conducted in support of this suite will be performed in accordance with the ER-DAPC. This will be specified in the laboratory contract.
A116:		
A117:		Isotopic Platinum indicates Pt-238/Pt-240 and Pt-242 isotopic Uranium indicates U-233/U-234.
A118:		U-235 and U-238.
A119:		VOC grab samples noted as being taken from 4'0" to 5'0" ft. will be taken from the deepest available position in areas where the core is less than 5'0" in length.
A120:		Contingencies:

Analysis Suites:

Analysis Suite #1: Nitrate, PCBs, SVOCs (TAL), VOCs (TAL), Total Metals

Analysis Suite #2: Am-241, Ne-227, Gamma Spec., Pu-239, U-238, Radon-222

Analysis Suite #3: Arsenic, Major Cations

Analysis Suite #4: Am-241, Ne-227, Pu-239, U-238, SVOCs (TAL), VOCs (TAL)

Analysis Suite #5: Am-241, Ne-227, Pu-239, U-238, Total Metals

Analysis Suite #6: Am-241, Ne-227, Total Inorganic Carbon, Ne-231, Pu-239, U-238, Total Organic Carbon, Total Metals

DRAFT

Project Manager: SALONON, H.

SMO Contact: MCGRIFF, T. W.

Sampling Activity	Sample Type	Sample Name	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (m)	Enter Analysis Types (AT) and Quantity Requested										
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11
PGRW93	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	3A	9A	1G	2G	5G	CN	MTR	1	PC	SR	
PGRW94	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1										
PGRW95	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1										
PGRW96	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1										
PGRW97	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1										
PGRW98	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1										
PGRW99	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1										
PGRW101	REG	REGOC	SOLID WASTE	DUP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	2									
PGRW102	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1										
PGRW103	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1										
PGRW104	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1										
PGRW105	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1										
PGRW106	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1										
PGRW107	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1										
PGRW108	REG	SOLID WASTE	COMP	GRAB	06/15/03	RWM-C-PT19	WASTE ZONE	TBD	N/A	1										

The sampling activity displayed on this table represents the first six characters of the sample identification number. The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.

Comments:

A11: Sampling Site Identification & Corrections

A12: Analysis Suite #1

A13: Analysis Suite #2

A14: Analysis Suite #3

A15: Analysis Suite #4

A16: Analysis Suite #5

A17: C-13 (Total & Amenable)

A18: Nitrate's Content

A19: Nitrate's

A20: PCBs

A21: Contingencies:

Analysis Suite #1: Analytical activities conducted in support of this suite will be performed in accordance with WFP protocol and will include WFP required sample methods per WFP methods. This will be specified in the laboratory contract.

Analysis Suite #2: Analytical activities conducted in support of this suite will be performed in accordance with the ER D&P. This will be specified in the laboratory contract.

Isotopic Plutonium includes Pu-238 and Pu-242. Isotopic Uranium includes U-233/234, U-235 and U-238.

VOC trib sample noted as being taken from 4.67 to 5.0 ft., will be taken from the deepest available position in cores where the core is less than 5 ft in length.

Analysis Suites:

- Analysis Suite #1: Ni-63, PCBs, SiO2C [TA], VOCs [TA], Total Metals
- Analysis Suite #2: Am-241, Np-237, Gamma Spec, Pu-140, U-234
- Analysis Suite #3: Arsenic, Major cations
- Analysis Suite #4: Am-241, Np-237, Pu-140, SiO2S [TA], VOCs [TA]
- Analysis Suite #5: Am-241, Np-237, Pu-140, SiO2S [TA], Total Metals
- Analysis Suite #6: Am-241, Total inorganic Carbon, U-232, Pu-238, U-236, Total Organic Carbon, Total Metals

Sampling Activity	Sample Type	Sample Matrix	Coll. Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (in)	Enter Analysis Types (A1) and Quantity if Requested																						
										A11	A12	A13	A14	A15	A16	A17																
PNSW49	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWM/C-PTT 9	WASTE ZONE	TBD	N/A	3A	9A	1G	2G	6G	CN	M/N																
PNSW61	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWM/C-PTT 9	WASTE ZONE	TBD	N/A	1																						
PNSW62	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWM/C-PTT 9	WASTE ZONE	TBD	N/A	1																						
PNSW63	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWM/C-PTT 9	WASTE ZONE	TBD	N/A	1																						
PNSW64	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWM/C-PTT 9	WASTE ZONE	TBD	N/A	1																						
PNSW65	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWM/C-PTT 9	WASTE ZONE	TBD	N/A	1																						
PNSW66	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWM/C-PTT 9	WASTE ZONE	TBD	N/A	1																						
PNSW67	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWM/C-PTT 9	WASTE ZONE	TBD	N/A	1																						
PNSW68	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWM/C-PTT 9	WASTE ZONE	TBD	N/A	1																						
PNSW69	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWM/C-PTT 9	WASTE ZONE	TBD	N/A	1																						
PNSW71	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWM/C-PTT 9	WASTE ZONE	TBD	N/A	1																						
PNSW72	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWM/C-PTT 9	WASTE ZONE	TBD	N/A	1																						
PNSW73	REG/OC	SOLID WASTE	DUP	GRAB	08/15/03	RWM/C-PTT 9	WASTE ZONE	TBD	N/A	1																						
PNSW74	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWM/C-PTT 9	WASTE ZONE	TBD	N/A	2																						
PNSW75	REG	SOLID WASTE	COMP	GRAB	08/15/03	RWM/C-PTT 9	WASTE ZONE	TBD	N/A	1																						
The sampling activity displayed on this table represents the first six characters of the sample identification number. The complete sample identification number (10 characters) will appear on field guidance forms and sample labels.																																
A11:	Comments: Sequential Reduction/Soxhlet Extractions																															
A12:	Analytical Suite #1: Analytical activities conducted in support of this suite will be performed in accordance with WFP protocol and will include WFP if required. Target analysis per WFP methods.																															
A13:	This will be specified in the laboratory contract.																															
A14:	Analytical Suite #2: Analytical activities conducted in support of this suite will be performed in accordance with the ER DQIP. This will be specified in the laboratory contract.																															
A15:	Analytical Suite #3: Analytical activities conducted in support of this suite will be performed in accordance with the ER DQIP. This will be specified in the laboratory contract.																															
A16:	Analytical Suite #4: Analytical activities conducted in support of this suite will be performed in accordance with the ER DQIP. This will be specified in the laboratory contract.																															
A17:	Analytical Suite #5: Analytical activities conducted in support of this suite will be performed in accordance with the ER DQIP. This will be specified in the laboratory contract.																															
A18:	Analytical Suite #6: Analytical activities conducted in support of this suite will be performed in accordance with the ER DQIP. This will be specified in the laboratory contract.																															
A19:	Analytical Suite #7: Analytical activities conducted in support of this suite will be performed in accordance with the ER DQIP. This will be specified in the laboratory contract.																															
A20:	Contingencies:																															
Analysis Suite #1: Ni/Fe, PCBs, SVOCs & TPA, VOCs & TPA, Total Metals																																
Analysis Suite #2: Am-241, Ni-207, Gamma Spec., Pu-238, U-234, U-238, U-235, U-236																																
Analysis Suite #3: Ar-41, Ni-207, Pu-238, U-234, U-235, U-236, U-237, U-238, U-239, U-233, U-232, U-231, U-230, U-229, U-228, U-227, U-226, U-225, U-224, U-223, U-222, U-221, U-220, U-219, U-218, U-217, U-216, U-215, U-214, U-213, U-212, U-211, U-210, U-209, U-208, U-207, U-206, U-205, U-204, U-203, U-202, U-201, U-200, U-199, U-198, U-197, U-196, U-195, U-194, U-193, U-192, U-191, U-190, U-189, U-188, U-187, U-186, U-185, U-184, U-183, U-182, U-181, U-180, U-179, U-178, U-177, U-176, U-175, U-174, U-173, U-172, U-171, U-170, U-169, U-168, U-167, U-166, U-165, U-164, U-163, U-162, U-161, U-160, U-159, U-158, U-157, U-156, U-155, U-154, U-153, U-152, U-151, U-150, U-149, U-148, U-147, U-146, U-145, U-144, U-143, U-142, U-141, U-140, U-139, U-138, U-137, U-136, U-135, U-134, U-133, U-132, U-131, U-130, U-129, U-128, U-127, U-126, U-125, U-124, U-123, U-122, U-121, U-120, U-119, U-118, U-117, U-116, U-115, U-114, U-113, U-112, U-111, U-110, U-109, U-108, U-107, U-106, U-105, U-104, U-103, U-102, U-101, U-100, U-99, U-98, U-97, U-96, U-95, U-94, U-93, U-92, U-91, U-90, U-89, U-88, U-87, U-86, U-85, U-84, U-83, U-82, U-81, U-80, U-79, U-78, U-77, U-76, U-75, U-74, U-73, U-72, U-71, U-70, U-69, U-68, U-67, U-66, U-65, U-64, U-63, U-62, U-61, U-60, U-59, U-58, U-57, U-56, U-55, U-54, U-53, U-52, U-51, U-50, U-49, U-48, U-47, U-46, U-45, U-44, U-43, U-42, U-41, U-40, U-39, U-38, U-37, U-36, U-35, U-34, U-33, U-32, U-31, U-30, U-29, U-28, U-27, U-26, U-25, U-24, U-23, U-22, U-21, U-20, U-19, U-18, U-17, U-16, U-15, U-14, U-13, U-12, U-11, U-10, U-9, U-8, U-7, U-6, U-5, U-4, U-3, U-2, U-1, U-0, U-100, U-99, U-98, U-97, U-96, U-95, U-94, U-93, U-92, U-91, U-90, U-89, U-88, U-87, U-86, U-85, U-84, U-83, U-82, U-81, U-80, U-79, U-78, U-77, U-76, U-75, U-74, U-73, U-72, U-71, U-70, U-69, U-68, U-67, U-66, U-65, U-64, U-63, U-62, U-61, U-60, U-59, U-58, U-57, U-56, U-55, U-54, U-53, U-52, U-51, U-50, U-49, U-48, U-47, U-46, U-45, U-44, U-43, U-42, U-41, U-40, U-39, U-38, U-37, 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DRAFT

Sampling Activity: INEL/EXT-02-0542 Date: 02/25/2003 Plan Table Revision: 2.0 Project: GU 7-10 GLOVEBOX EXCAVATOR METHOD PROJECT

SNO Contact: MCGRIFF, T. W.

Project Manager: SALOMON, H.

Sampling Activity	Sample Type	Sample Matrix	Cell Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	Entire Analysis Types (AT) and Quantity Requested																		
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19
Sample Description	3A	3A	1G	2G	SG	SG	CN	M/N	1	PC	SB																	
SP923WF8	REG	SOLID WASTE	CDMP	GRAB	09/15/03	RWMC-PIT 9	WASTE ZONE	TBD	N/A																			